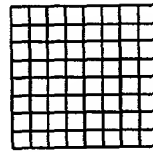


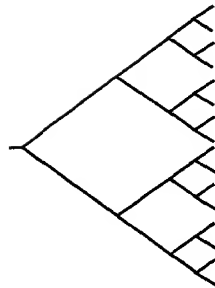
**"H" - TREE**

**Fig. 1A**  
**(PRIOR ART)**



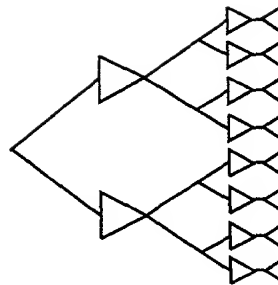
**GRID**

**Fig. 1B**  
**(PRIOR ART)**



**BALANCED TREE**

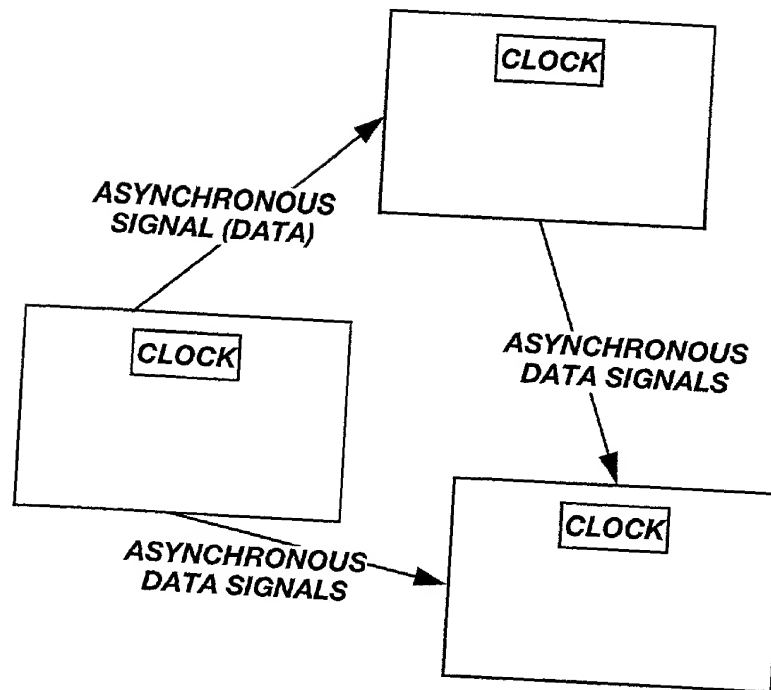
**Fig. 1C**  
**(PRIOR ART)**



**BALANCED TREE WITH BUFFERS**

**Fig. 1D**  
**(PRIOR ART)**

FIG. 1A



**Fig. 2**  
**(PRIOR ART)**

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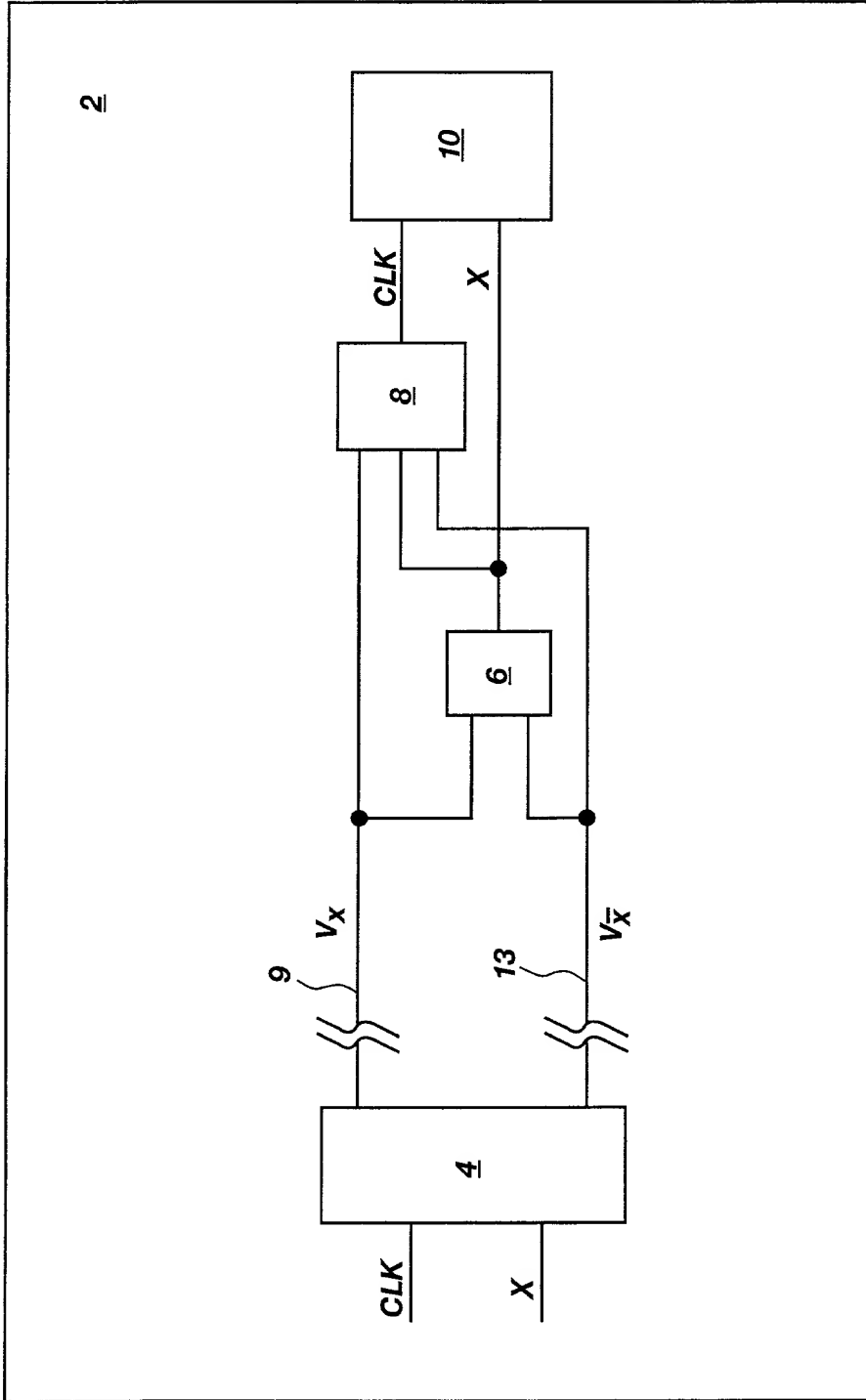
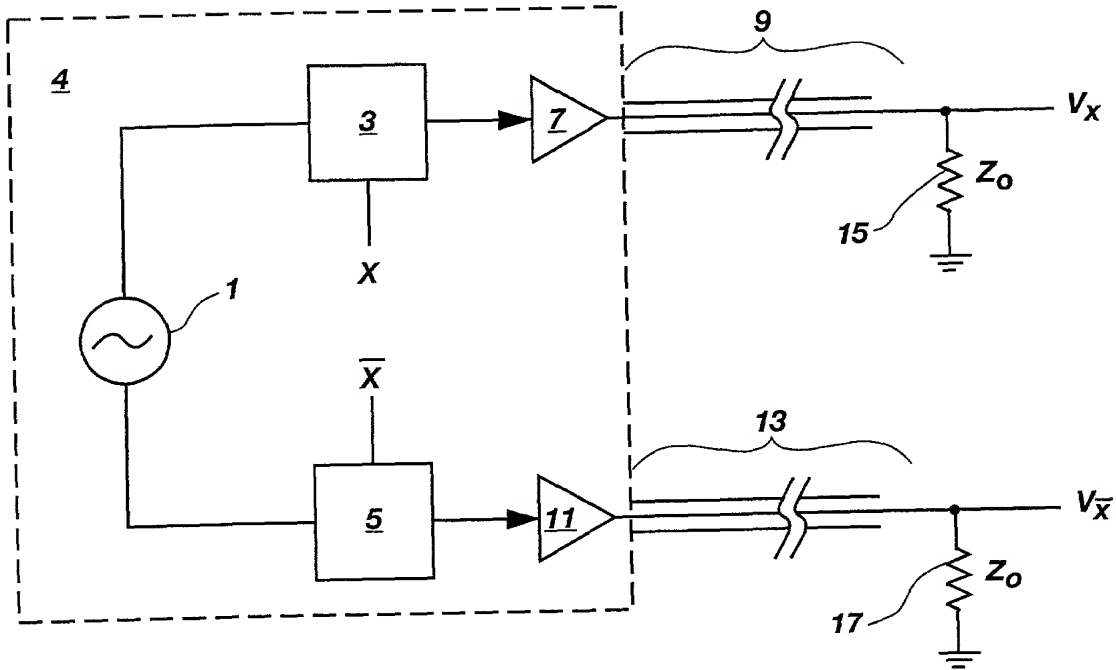
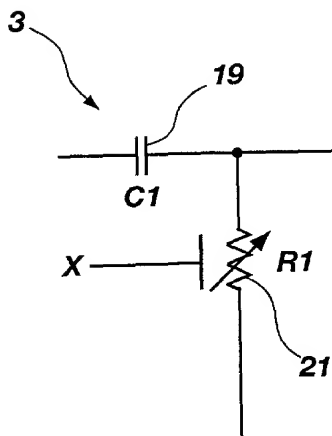


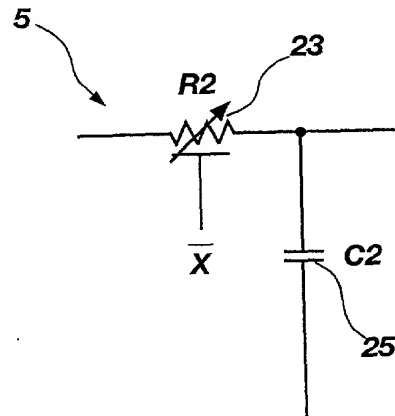
Fig. 3



**Fig. 4**



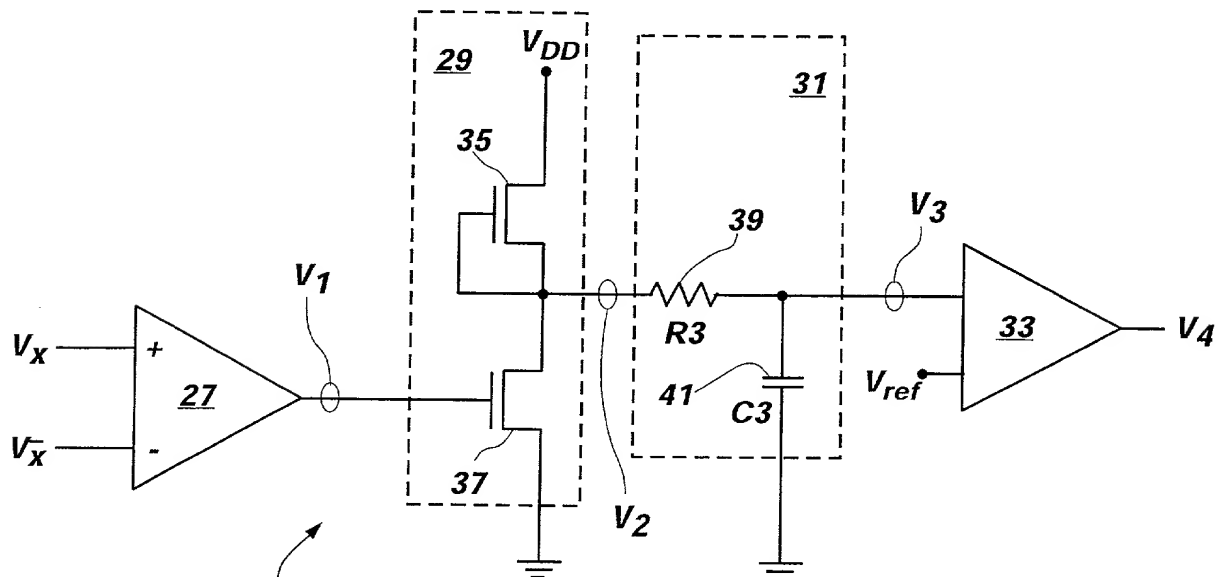
**Fig. 5**



**Fig. 6**

**Fig. 7A**

**Fig. 7B**



**Fig. 8**

